

sometimes 4 centimeters in length, in bunches of 18 to 20 averaging 115 grams in weight; surface bright red, velvety, ferruginous pubescent; skin thin, brittle; flesh scant, whitish, juicy, aromatic subacid without a trace of sugar; quality rather poor; seeds many. Season, September." (Wester, in Philippine Agricultural Review, Vol. 6, No. 7, p. 321, July 1913.)

*Vitis* spp. (Vitaceae.) 42477-42519. Hybrid grape cuttings from Palermo, Italy. Received through Mr. F. Paulsen, Director, R. Vivaio di Viti Americane, at the request of the Superior Minister of Agriculture. In 1904, Dr. Clemente Grimaldi wrote concerning his work on the hybridization of grapes: "Notwithstanding the labors given for almost 15 years hybridization, I have believed that I should maintain the utmost reserve in publishing the hybrids and until now I have made known only six, all stocks, which are the following: Nos. 50, 88, 125, 791, 110, and 323. Among the hybrids obtained by me, the following at present give me the hope that they will be of service as direct producers: Nos. 88, 97, 317, 953, 1075, and 1132." These hybrids were requested at the suggestion of Dr. Gustav Eisen, and represent some of the best results obtained from the hybridization of American species with *Vitis vinifera* strains of Italian origin, for the purpose of securing varieties resistant to Peronospora and other diseases. Of the Ruggeri and Paulsen hybrids descriptions have not been accessible, but have probably appeared in later volumes of *La Viticoltura Moderna*.

*Zea mays* L. (Poaceae.) 42642. Seeds of Papago sweet corn from Tucson, Arizona. Presented by Mr. George F. Freeman, Acting Director, University of Arizona. "We do not really expect that this will be promising as a sweet corn outside of the Southwest, but some results in eastern Kansas and Nebraska last year indicate that it might prove a valuable silage or forage corn in the humid sections." (Freeman.)

### AVOCADOS.

During the past two years the winter-bearing Guatemalan type of avocado has been attracting an increasing amount of attention in Florida. Interest in this type was first awakened by the fruiting of several seedlings at the Miami Plant Introduction Garden, which served to demonstrate that this remarkable type would mature its fruits in Florida at the precise season of the year when avocados are most desired. Heretofore the avocado crop has commenced in July or August and lasted until December, with a few